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**U. S. DEPARTMENT OF AGRICULTURE
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In Cooperation with the University of Wisconsin

**LIST OF PUBLICATIONS ON
MILLING AND UTILIZATION OF
TIMBER PRODUCTS**

PROCUREMENT SECTION
CURRENT RECORDS

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Title	Author	Publication and date
MACHINING		
Thick-slicing of wood: Effects of wood and knife inclination angle.	Peters, C.C., Mergen, A.F., & Panzer, H.R.	Forest Prod. J. 22(9): 84-91. Sept. 1972.

MACHINING (con.)

Title	Author	Publication and date
Is wood hardness affected by preservative treatment?	Ethington, R.L.	Forest Prod. J. 22(5): 60-61. May 1972.
Veneer species that grown in the United States.	Lutz, John F.	USDA FS Res. Pap. FPL 167. 1972.
Feasibility of producing a high-yield laminated structural product: strength properties of rotary knife-cut laminated southern pine.	Moody, R.C., & Peters, C.C.	USDA FS Res. Pap. FPL 178. 1972.
Feasibility of producing a high-yield laminated structural product: residual heat of drying accelerates adhesive cure.	Jokerst, R.W.	USDA FS Res. Pap. FPL 179. 1972.
Slitting sawblades cuts noise.	Malcolm, F.B.	Wood & Wood Prod. 76(3): 46-47. March 1971.
Wood and log characteristics affecting veneer production.	Lutz, J.F.	USDA FS Res. Pap. FPL 150. 1971.
Measuring wood surface smoothness --A review.	Peters, C.C., & Cumming, J.D.	Forest Prod. J. 20(12): 40-43. Dec. 1970.
Control of veneer thickness during rotary cutting.	Lutz, J.F., Mergen, A.F., & Panzer, H.R.	Forest Prod. J. 19(12): 21-28. Dec. 1969.
Effect of cutting speed during thick slicing of wood.	Peters, C.C., Mergen, A.F., & Panzer, H.R.	Forest Prod. J. 19(11): 37-42. Nov. 1969.

MACHINING (con)

Title	Author	Publication and date
Slicing wood one-inch thick; four types of pressure bars.	: Peters, C.C., : Mergen, A.F., & : Panzer, H.R.	: Forest Prod. J. 19(7): : 47-52. July 1969.
Surfacing softwood dimension lumber to produce good sur- faces and high-value flakes.	: Lutz, J.F., : Heebink, B.G., : Panzer, H.R., & : Mergen, A.F.	: Forest Prod. J. 19(2): : 45-51. Feb. 1969.
Multiple-flitch method for thick slicing.	: Peters, C.C.	: Forest Prod. J. 18(9): : 82-83. Sept. 1968.
Effect of precompression on sliced wood 1/2 and 1 inch in thickness.	: Peters, C.C., & : Zenk, R.R.	: USDA FS Res. Note : FPL-0194. 1968.
Effects of roller-bar com- pression and restraint in slicing wood 1-inch thick.	: Peters, C.C., : Zenk, R.R., & : Mergen, A.F.	: Forest Prod. J. 18(1): : 75-80. Jan. 1968.
Woodworking machines.	: FPL	: USDA FS Res. Note : FPL-048. 1964.
Machining and related characteristics of United States hardwoods.	: Davis, E.M.	: USDA Tech. Bull. 1267. : Aug. 1962. **GPO, : \$0.35.

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Western wood density survey- Report No. 2.	: Maeglin, R.R., : & Wahlgren, H.E.	: USDA FS Res. Pap. : FPL 183. 1972.
Circular sawmills and their efficient operation.	: Lunstrum, S.J.	: USDA FS--S&PF : Unnumbered Rep. 1972.

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MILLING (con.)

Title	Author	Publication and date
Sawing to reduce warp in plantation red pine studs.	: Hallock, H., & : Malcolm, F.B.	: USDA FS Res. Pap. : FPL 164. 1972.
Locating maximum stresses in tooth assemblies of inserted-tooth saws.	: : Malcolm, F.B., & : Koster, A.L.	: : Forest Prod. J. 20(10): : 34-38. Oct. 1970.
Tomorrow: Computer-made sawing decisions?	: : Hallock, H., & : Bulgrin, E.H.	: : Forest Prod. J. 20(9): : 52-56. Sept. 1970.
Sawing to reduce warp of lodgepole pine studs.	: : Hallock, H.	: : USDA FS Res. Pap. : FPL 102. 1969.
The "taper-tension" saw--a new reduced kerf saw.	: : Hallock, H.	: : USDA FS Res. Note : FPL-0185. 1968.
Warp in studs from small-diameter loblolly pine.	: : Malcolm, F.B.	: : So. Lbrmn. 216(2687): : 27-30. Apr. 1968.
Sacrificing short butt log to chips may reduce lodgepole stud warping.	: : Malcolm, F.B.	: : Forest Industries : 95(5): 88-89. May : 1968.
Coarse feed sawing of red oak--a limited study.	: : Malcolm, F.B.	: : USDA FS Res. Note : FPL-0155. 1967.
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Title	Author	Publication and date
Kerf chip sawing--a mixed blessing?	: Hallock, H.	: So. Lbrmn. 203(2528): : 33, 36, 38, 40, 42. : Aug. 1961.
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Factors influencing an expanded sawmilling industry for Hawaii.	: Malcolm, F.B.	: FPL Rep. No. 2190. : 1960.

GRADES, SPECIFICATIONS, AND STANDARDIZATION

Predicting dimension parts cost: Taking the guess work out of cutting order yields can mean the difference between profit and loss.	: Schumann, D.R.	: Wdwking. & Furn. : Digest 74(7): 26-28. : July 1972.
Feasibility of producing a high-yield laminated structural product.	: Schaffer, E.L., : Jokerst, R.W., : Moody, R.C., : Peters, C.C. : Tschernitz, J.L., & : Zahn, J.J.	: USDA FS Res. Pap. : FPL 175. 1972.

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Title	Author	Publication and date
Strength criteria of glued-laminated timber.	Bohannon, Billy	Natl. Bureau of Standards Special Pub. 361, Vol. 1: 625-632. Mar. 1972.
Evaluating adhesives for building construction.	Gillespie, R.H., & Lewis, W.C.	USDA FS Res. Pap. FPL 172. 1972.
Separation of wood and bark by gyratory screening.	Harkin, J.M., & Crawford, D.M.	Forest Prod. J. 22(5): 26-30. May 1972.
Theoretical lateral resistance of nailed joints.	Wilkinson, T.L.	J. of Structural Div., Proc. of the Amer. Soc. of Civil Engrs., (ST5)97: Paper 8121, pp. 1381-1398. May 1971.
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Computer predicts maple yields to within 1-1/2 percent.	Dunmire, D.E., & Englerth, G.H.	Furn. Design & Mfg. 42(1): 30-32. Jan. 1970.
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Selection and use of wood products from home and farm building.	Anderson, L.O.	USDA Agr. Inf. Bull. 311. Rev. 1972.
Wood structures can resist hurricanes.	Sherwood, G.E.	Civil Engring. - ASCE: 91-94. Sept. 1972.
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Title	Author	Publication and date
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Title	Author	Publication and date
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white	Tamarack
Hackberry	Tupelo
Hemlock, eastern	Walnut, black
western	Yellow-poplar
Holly, American	
Maple	

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How PEG helps the hobbyist who works with wood.	: Mitchell, H.L.	: FPL Rep. 1972.
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